

ABSTRACT OF THE DISCLOSURE

An electron-emitting device having favorable electron emitting characteristic stable for a long time, which is manufactured by a method comprising the

5 steps of disposing an electrically conductive member having a second gap on a substrate, and applying a voltage to the electrically conductive member while irradiating at least the second gap with an electron beam from electron emitting means disposed apart from

10 the electrically conductive member in an atmosphere comprising a carbon compound.